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import SwiftUI

class ViewModel: ObservableObject {
    @Published var response: PostResponseModel? = nil

    let postRequest = "https://appserverpro.site/api/tiktokDownload"

    let jsonBodyString = "{ \"url\": \"https://vt.tiktok.com/ZS2vo9HkG/\" }"
    var jsonBody: Data?

    func decodeinJSON(jsonString: String) -> Data? {
        return jsonString.data(using: .utf8)
    }

    init() {
        self.jsonBody = decodeinJSON(jsonString: self.jsonBodyString)
        let request = createURLRequest(httpMethod: "POST")
        Task {
            self.response = try await returnResponse(request: request)
        }
    }

    func createURLRequest(httpMethod: String) -> URLRequest {
        let requestURL = URL(string: postRequest)!
        var request = URLRequest(url: requestURL)
        request.httpMethod = httpMethod
        request.httpBody = jsonBody

        return request
    }

    func returnResponse(request: URLRequest) async throws ->
    PostResponseModel? {
        do {
            let (receivedData, urlResponse) = try await
                URLSession.shared.data(for: request)
            print(urlResponse)
            do {
                let response = try
                    JSONDecoder().decode(PostResponseModel.self, from:
                    receivedData)
                print("response.error : \(response.error)")
                print("response.messages = \(response.messages.count)")
                print(response.messages.first?.description)
            } catch { print("ошибка раскодирования: \(error)") }
        } catch let error { print("ошибка получения данных: \(error)") }
    }

    return response
}
}

```